

Identification of Achievable Performance Standards

Source Category: Aerospace Assembly and Component Coating Operations ^(a)

Rule/Measure	Rule/Measure				
	MDAQMD Rule 1118 10/28/96	ICAPCD Rule 425 3/3/92	SBCAPCD Rule 337 10/20/94	SJUAPCD Rule 423 12/19/96	SMAQMD Rule 456 9/5/96, 4/98 draft
Exemption, general	<p>Exempt from rule: - hand heal aerosol cans</p> <p>Exempt from coating limits: - recoating of assembled aircraft at rework facilities if the original coatings formulation is used - laboratories R&D, QC, testing of production-related operations - airbrush application for stenciling, lettering or other ID markings that cover less than 20 % of the vehicle, part or product's exterior surface</p>	<p>Exempt from rule except for RK: - touch-up - stencil - non-refillable hand held aerosol spray cans - prepreg composite materials</p>	<p>Exempt from rule: - non-refillable aerosol containers with capacities of ≤ 18 ounces</p>	<p>Exempt from rule: - jet engine or rocket engine flushing operations using any solvent other than trichloroethylene</p> <p>Exempt from requirements and administrative requirements including RK: - laboratories R & D, QC, testing for production-related operations (subject to operational records, data and calculations as determined by the APCO)</p> <p>Exempt from storage requirements: - hand held aerosol cans</p>	<p>Exempt from rule: - non-refillable aerosol containers</p>
Exemption, low use facility					<p>Exempt from coating & stripping limits: ≤ 200 gallons per calendar year</p>
Exemption, low use aerospace		<p>Exempt from coating, storage, solvent, application, control limits: ≤ 3 gallons</p>		<p>Exempt from requirements: ≤ 4 gallons of VOC containing products per day</p>	

Identification of Achievable Performance Standards

Source Category: Aerospace Assembly and Component Coating Operations ^(a)

Exemption, coating formulation	Exempt from rule except for RK: < 50 gallons per year provided the total volume of non-complying coatings does not exceed 200 gallons annually	Exempt from coating limits (requires request & approval of APCO): < 20 gallons per year provided that the total volume does not exceed 50 gallons annually	Exempt from coating limits: < 20 gallons per year provided that the total volume of non-complying coatings does not exceed 200 gallons annually	Exempt from coating limits: < 21 gallon on any day or 20 gallons in any year provided the APCO is notified in writing that a substitute complying coating are not available	
Exemption, composition				Exempt from storage requirements: < 20 g/L VOC	
Exemption, adhesive & sealants				separate formulations < 0.5 gallons on any day or 10 gallons in any calendar year provided the APCO is notified in writing that a substitute complying coating are not available	Exempt from rule: paper, fabric, or film adhesives regulated by Rule 460
Exemption, maskant					
Exemption, surface cleaning					- space vehicles & space vehicle components designed to travel beyond the earth's atm - cleaning & surface activation during adhesive bonding
Exemption, stripper					

Identification of Achievable Performance Standards

Source Category: Aerospace Assembly and Component Coating Operations ^(a)

Exemption, transfer efficiency	- touch-up & repair		- touch-up & repair		- touch-up and repair - detail guns - template - stencil - stamp - hand lettering to add designs, letters, or numbers to an aerospace component
Applicability	any person who manufactures or reworks aerospace vehicles by applying or specifying the use of surface coatings for aerospace vehicles parts and products	coating, masking, surface cleaning, and paint stripping of aerospace components and the cleanup of equipment associated with these operations	any person who manufactures, applies or specifies the use of surface coating for aircraft or aerospace vehicle parts and products	manufacturing, assembling, coating, masking, bonding, paint stripping, surface cleaning, service, and maintenance of aerospace components, and the cleanup of equipment associated with these operations	coating of aerospace components including coating removal (stripping), surface preparation and cleanup operations by any person
Applicability	adhesives, coating, maskants, cleaning solvents, strippers	adhesives, coating, masking, surface cleaning, paint stripping	adhesive, coating, maskant, stripper	adhesive, coating, maskant, fastener, surface cleaning, stripper	adhesive, coating, maskant, surface cleaning, stripper
Comments	exempts PCE	does not exempts PCE	Rule 102 does not exempt PCE	Rule 2 does not exempt PCE (ROC)	Rule 101 exempts PCE

AERO2_2.WP6